

hydrogen exchanger 3 polyclonal antibody

Catalog: BS65548 Host: Rabbit Reactivity: Hu-
man, Mouse, Rat, Pig, Cow, Rabbit,
Sheep,

BackGround:

NHE-3 are integral membrane proteins that are expressed in most mammalian tissues, where they regulate intracellular pH and cell volume. NHEs mediate the transport of hydrogen (H⁺) ions out of cells in exchange for extracellular sodium (Na⁺) ions. While NHE-1 is ubiquitously expressed, the NHE isoforms 2-8 have distinct tissue- and cell type-dependent expression and inhibitory characteristics. NHE-3 localizes to the apical membrane of renal proximal tubules where it is responsible for most of the sodium transport and fluid reabsorption. NHE-3 translocates to internal pools where it mediates natriuresis when blood pressure increases abruptly. NHE-3 is also expressed in the stomach and functions to protect the mucosa by secreting protons that diffuse into the mucous cells.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~80kDa

Swiss-Prot:

P48764

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

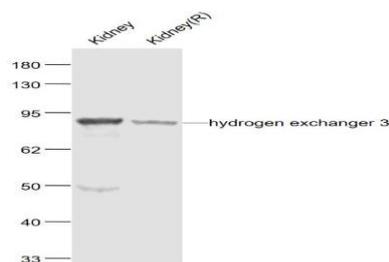
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

hydrogen exchanger 3 polyclonal Antibody detects endogenous levels of hydrogen exchanger 3 protein.

DATA:



Anti-hydrogen exchanger 3 at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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